

MONUMENT RECORD

Corner ID: InCr_A19

West 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

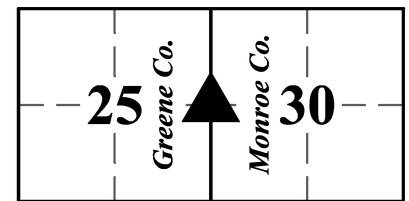


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo of the monument.

Photo Date: 04/22/2023



Photo Orientation & Description: Rebar at A19

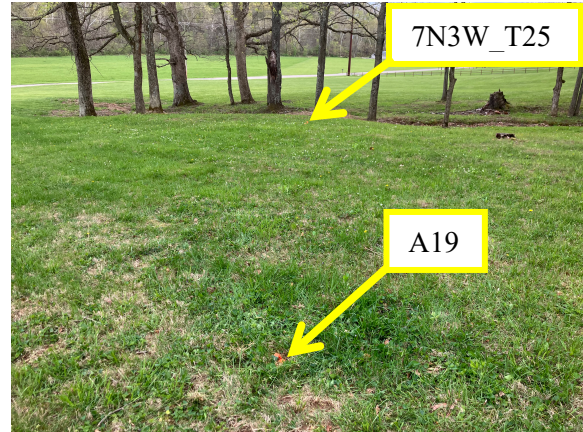


Photo Orientation & Description: Looking south at A19 with 7N3W_T25 visible in the background

FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/23

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

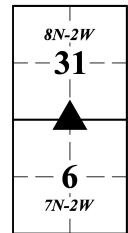
MONUMENT RECORD

Corner ID: InCr_C01

North 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

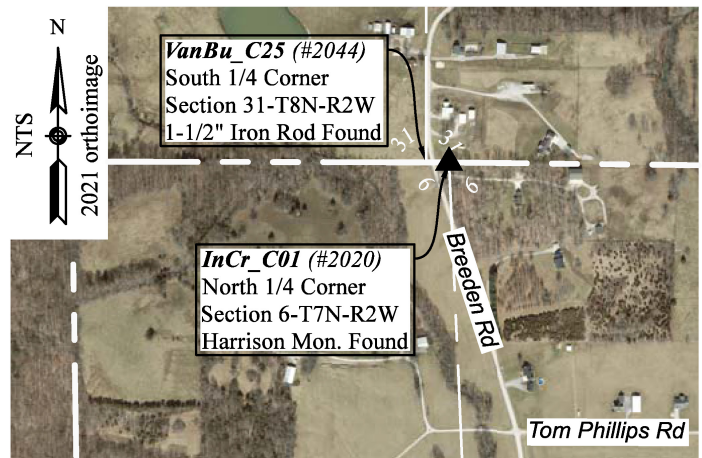
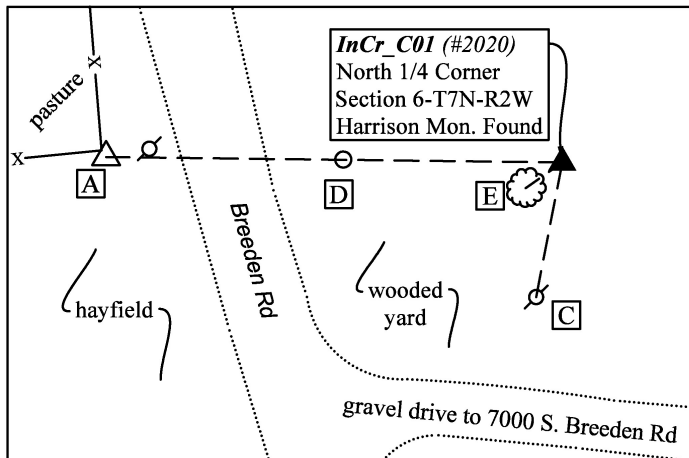


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top was found 3" above grade in an 8" concrete base.

GEODETIC COORDINATES: Northing: 1395743.83, Easting: 3068464.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 89°19'40" W	113.55'	VanBu_C25 – South 1/4 Corner of Section 31-T8N-R2W 1-1/2" drill steel found 1" below grade and 2 feet southwest of an 8" x 7" fiberglass "I" post with fence to the north and west. The steel rod is at the west toe of slope of Breeden Road
B	East	1.8'	Steel t-post with Monroe County SURVEY MARKER sign found facing west per the 2011 Monroe County Monument Record (not depicted on above sketch)
C	S 11° W	34.0'	Magnail found 4" above grade on the east side of 8" utility pole #231-2 UDWI 142201 per the 2011 Monument Record and BLA witness ties
D	N 89°14'30" W	54.50'	1/2" rebar with yellow plastic cap stamped "RAMSEY ..." found flush per the 2011 Monroe County Monument Record
E	S 55° W	11.1'	Magnail found 6" above grade on the north side of a 15" shagbark hickory per the 2011 BLA witness ties

Notes: Witness ties A and D were measured with RTK. Distances to witness ties B, C, and E were measured with a 100-foot steel tape. Bearings to witness ties C and E were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Steel t-post with Monroe County SURVEY MARKER sign was found in good condition. The sign is facing west 3.5 feet above grade at Witness Tie B.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is in line with a tree line to the east and is located on the north side of the gravel driveway leading to the house at 7000 S. Breeden Road.

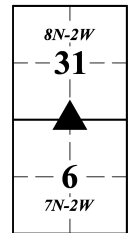
MONUMENT RECORD

Corner ID: InCr_C01

North 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY: This corner was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plats for Section 6-7N-2W (<i>depicts iron pin set</i>)	MCSO RSID004982
05/11/2011	Badger, Matthew	Exhibit -Cornwell Site in Sec.6-7N-2W (<i>calculated corner</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of Harrison</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted Harrison Monument</i>)	MCR 2011010190 GCR 2011-2897

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
Yes. The monument was approved by the Monroe County Surveyor Review Board on 8/09/2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

This corner was not set by the original government surveyor. An undated sketch on file in the Monroe County Surveyor's Office indicates that an iron pin was set at this corner. We focused our search area for the iron pin approximately 10 feet east of the Harrison Monument based on distances to other monuments depicted on the sketch, but we found no trace of it. The Harrison Monument was set in on June 28, 2011 by Matthew Badger of Bernardin Lochmueller & Associates at the proportionate distance west of the northeast corner of Section 6 as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. The monument was subsequently accepted by Perry Jones and the Monroe County Surveyor in 2011. We accepted the Harrison Monument as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 9.7 feet
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: Harrison Monument at C01



Photo Orientation & Description: Looking east at C01

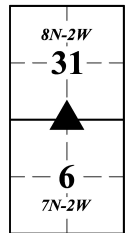
MONUMENT RECORD

Corner ID: InCr_C01

North 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 3/77

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Date of last revision: September 20, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

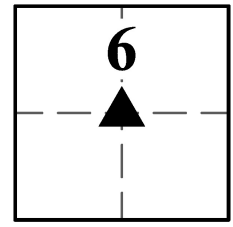
MONUMENT RECORD

Corner ID: InCr_C03

Center 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

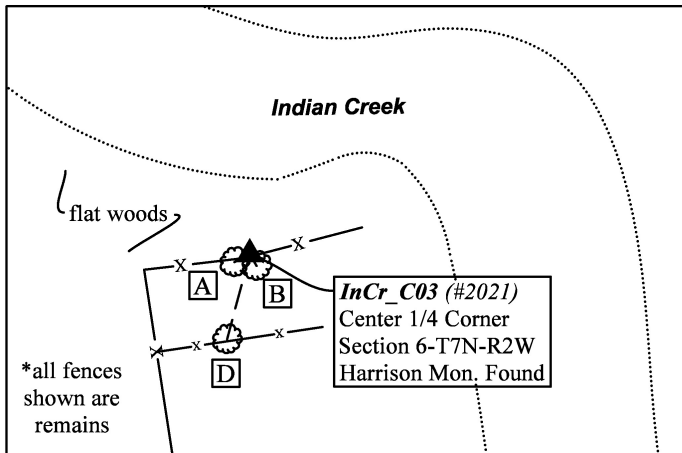


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" diameter cast iron Harrison Monument with a corroded top cast "QUARTER CORNER" was found 5" above grade in an 8" concrete base. The monument is 1 foot north of east/west fence remains.

GEODETIC COORDINATES: Northing: 1393102.73, Easting: 3068580.79

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 63° W	4.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the southeast side of a 9" dbh walnut in line with east/west fence.
B	S 56° E	2.5'	Found mag nail in hack 4.6 feet above grade on the north side of a 10" hackberry in east/west fence remains
C	S 55°32'36" W	1.67'	Steel t-post found in east/west fence remains with a Monroe County SURVEY MARKER sign attached 4-feet above grade facing north. (Not depicted above.)
D	S 15° W	22.0'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the northwest side of a 5" dbh buckeye that splits into a double at 3.4 feet tall. Diameter measured at 3 feet.
E	S 30°15'15" E	3.39'	Maghub found flush. (Not depicted above.)

Notes: Distances to witness ties A, B, and D were measured to the nail with a 100-foot steel tape. Bearings to witness ties A, B, and D were measured to the center of the tree with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Witness ties C and E were located with RTK. Witness tie D from the 2011 Monument Record was not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found at Witness Tie C in an east/west fence with a Monroe County SURVEY MARKER sign attached 4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is 14 feet south of the south bank and 50 feet west of the west bank of Indian Creek, approximately 1-foot north of east/west wire fence remains, 21 feet north of other east/west fence remains, and approximately 27 feet east of wire fence remains heading south. The monument appears to be on the north side of an old east/west road bed, but the road is difficult to discern due to frequent flooding in the area. There is a path across the creek from the house at 7211 S Breedon Road. The monument was found buried under significant flood debris, including a large log that had to

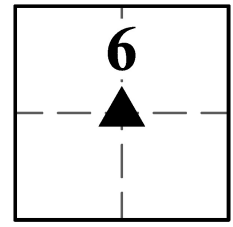
MONUMENT RECORD

Corner ID: InCr_C03

Center 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



be cut off with a chainsaw. We recommend future surveyors come prepared to cut logs and remove flood debris to access this corner, which will eventually be lost to the movement of Indian Creek.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The center of Section 6 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
05/11/2011	Badger, Matthew	Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of Harrison Monument</i>)	MCR 2011008104

PREVIOUS CERTIFICATION

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

Yes. The monument was approved by the Monroe County Surveyor Review Board on July 5, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The Harrison Monument was set in on June 28, 2011 by Matthew Badger of Bernardin Lochmueller & Associates at the intersection of opposite quarter corners as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. We accepted the Harrison Monument as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 27 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Harrison at C03



Photo Orientation & Description: Looking west at C03

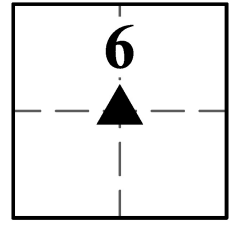
MONUMENT RECORD

Corner ID: InCr_C03

Center 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023-04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7, pgs 2-3

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

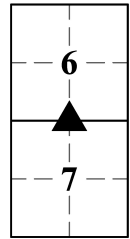
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_C05

Quarter Corner

Sections 06 & 07- T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

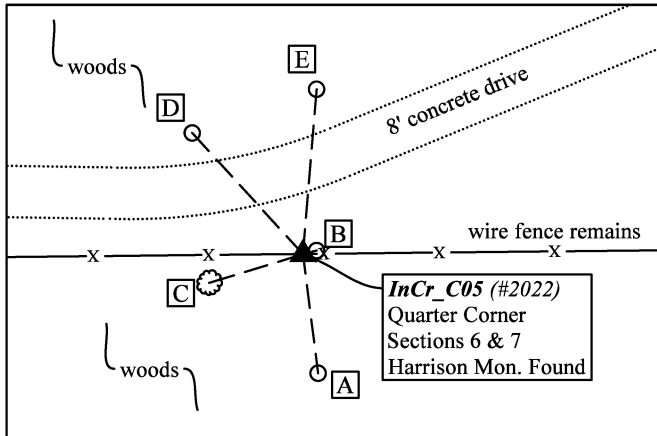


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top was found 3" above grade in an 8" concrete base in line with east/west barbed wire fence remains.

GEODETIC COORDINATES: Northing: 1390437.46, Easting: 3068698.34

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 7°15'49" E	18.69'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
B	N 75° E	2.2'	Monroe County SURVEY MARKER sign found 3-feet above grade on the north side of a steel u-post in east/west fence remains
C	S 73° W	15.3'	Magnail found 3" above grade on the south side of an 8" redbud
D	N 42°26'44" W	25.60'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 4.75 feet north of the north edge of a concrete driveway.
E	N 4°43'7" E	25.79'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 6.1 feet north of the north edge of a concrete driveway.

Notes: Distances to witness ties B and C were measured with a 100-foot steel tape. Bearings to witness ties B and C were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Witness ties A, D, and E were located with RTK. Witness tie D from the 2005/2011 Monroe County Monument Record was not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set S 16° E 1.25 feet from the monument with a Monroe County SURVEY MARKER sign attached 3.7 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is 9.5 feet south of the south edge of the 8-foot-wide concrete driveway to 7484 S Breeden Road.

PERPETUATION RECORD

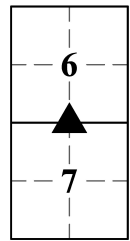
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_C05

Quarter Corner

Sections 06 & 07- T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P291

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	18"	S 18° E	7 links (4.6 feet)
Sugar	10"	West	20 links (13.2 feet)

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: LSB2, page 131

Original monument: 1/2 mile stake

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	12"	N 61° E	17.75 links (11.7 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
08/14/1890	Buskirk, M.	Legal Survey in Section 6 (<i>not described or witnessed</i>)	MCSO LSB2, pg 492
05/11/2011	Badger, Matthew	Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of Harrison Monument</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted Harrison Monument</i>)	MCR 2011010190 GCR 2011-2897
11/14/2021	Deckard, Eric	Breeden Road Minor Subd. in Sec.7 (<i>accepted Harrison</i>)	MCR 2022001569

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 8, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The Harrison Monument was set in on June 28, 2011 by Matthew Badger of Bernardin Lochmueller & Associates per a modified single-proportion method based on original survey distances as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. A similar proportion calculated based on the 1866 legal survey distances results in a location within 0.5 feet of the Badger proportion. We accepted the Harrison Monument as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Harrison at C05



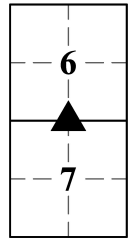
Photo Orientation & Description: Looking south at C05

MONUMENT RECORD

Corner ID: InCr_C05

Quarter Corner

Sections 06 & 07- T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/4

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

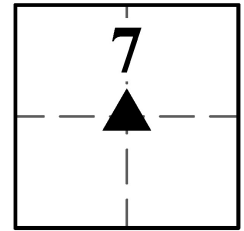
MONUMENT RECORD

Corner ID: InCr_C07

Center 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

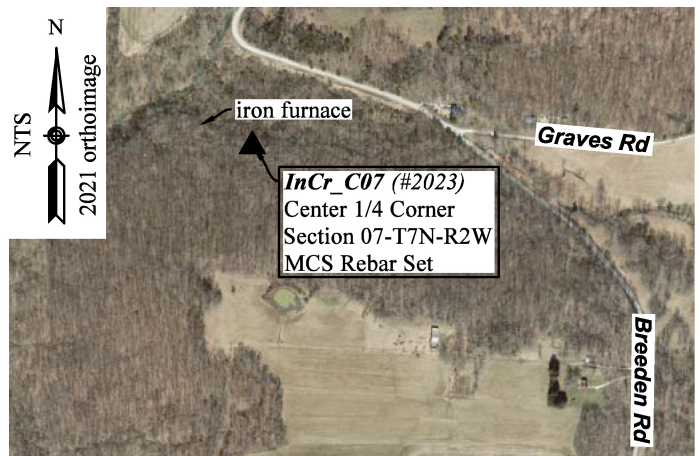
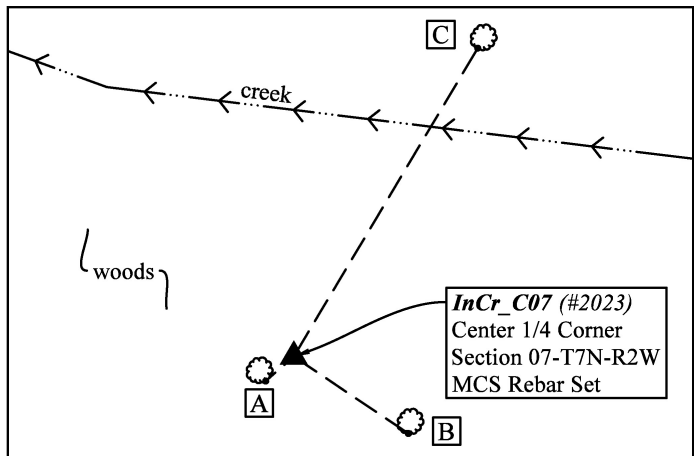


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with a 2" aluminum cap stamped "OSER 21100022 MONROE COUNTY SURVEYOR" set 4" above grade.

GEODETIC COORDINATES: Northing: 1387792.18, Easting: 3068706.42

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 48°54'43" W	5.58'	2" mag nail and 1-1/2" orange plastic disc set flush in the southeast root flair of a 20" beech
B	S 56°10'21" E	20.68'	2" mag nail and 1-1/2" orange plastic disc set 7" above grade in the south root flair of a 28" beech
C	N 30°51'33" E	53.75'	2" mag nail and 1-1/2" orange plastic disc set 14" above grade in the southsouthwest root flair of a 26" sycamore

Notes: Witness ties were located with RTK. All bearings and distances are to the nail, not to the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.4 feet southeast of the corner with a Monroe County SURVEY MARKER sign attached 3.8 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the 90° turn of Breeden Road, follow the path south to the old iron furnace for approximately 500 feet. The corner is approximately 285 feet east of the old iron furnace, on a very steep wooded slope on the south side of a creek. No evidence of possession was observed in the area.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The center of Section 7 was not established by the original government surveyor.

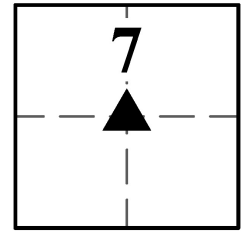
MONUMENT RECORD

Corner ID: InCr_C07

Center 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: MCSO LSB2, pg 131

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sycamore	3"	S 64° E	19 links (12.5 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (calculated at intersection of opposite quarter corners)	MCRO 2011008104

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy? No modern record was found of a monument at this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W. Alexander established this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131. No trace was found of a stone or the bearing tree. The corner falls on a creek bank littered with rocks. The surrounding property is under common ownership and no evidence of possession observed in the vicinity. In 2011, Matthew Badger calculated this corner at the intersection of opposite quarter corners. We established the corner at the intersection of the quarter corners north and south with the projection of the line from the monument at the West 1/4 corner (A07) through the Dorman pipe found at the Center-West 1/16 corner (B07). The West 1/4 corner and the Center-West 1/16 corner were both established by W.Alexander in 1866 per the same legal survey that established this corner, and we believe that they provide the best evidence of the east/west center of section line established by Alexander. The corner thus established is 19 feet south of the intersection of opposite quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument established in 1866, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 19 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/24/2023



Photo Orientation & Description: Rebar at C07



Photo Orientation & Description: Looking southwest at C07

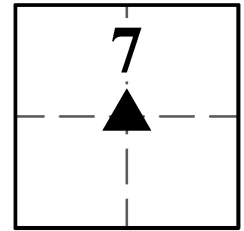
MONUMENT RECORD

Corner ID: InCr_C07

Center 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL: Field Date: 04/19/2023 and 04/24/2023 By: Rachel Oser and Phillip Oser
Project #: OSM #10246 Field Book: OSM 7/5 and 7/25

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.
The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:



Seal:

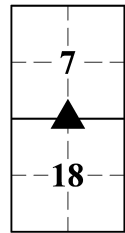
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_C09

Quarter Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

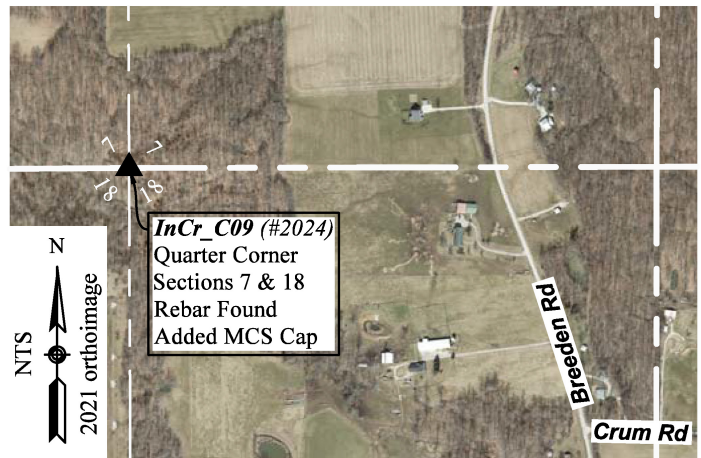
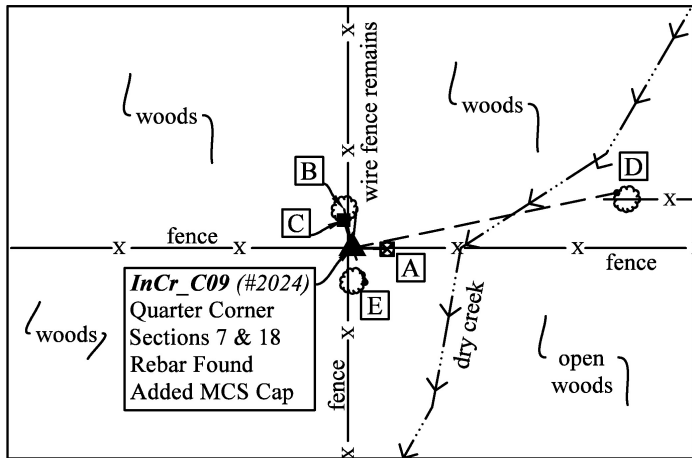


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

2" aluminum cap stamped "MONROE COUNTY SURVEYOR" added to a 5/8" rebar found 2" above grade. The rebar is 0.65 feet east of a 7" wood corner post and flanked on the north by 2-inch pump rod projecting 1.8 feet above grade.

GEODETIC COORDINATES: Northing: 1385191.14, Easting: 3068714.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 88° E	5.2'	Mag nail found 5" above grade on the south side of a 6" wood post
B	N 12° W (to tree center)	5.9' (to east side)	East side of 12" hickory in north/south fence remains with a Monroe County SURVEY MARKER sign found 5 feet above grade on the southeast side
C	N 17° W	4.3'	7" x 6" stone with no marks found 8" above grade in line with other laid rocks to the north (located with RTK)
D	N 78°12'8" E	40.4'	Magnetic signal found 9" above grade on the northwest side of a 24" sycamore with east/west barbed wire fence remains (located with RTK - bearing and distance to signal- not tree center)
E	S 20°15'12" E	5.45'	2" mag nail and 1-1/2" orange plastic disc set in the east root of a 24" white oak (located with RTK - bearing and distance to nail- not tree center)

Notes: Bearings to witness ties A and B were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.25 feet north of the rebar with a Monroe County SURVEY MARKER sign attached 4 feet above grade. The aluminum Monroe County Surveyor cap was added to the rebar, which was found uncapped.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

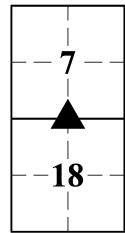
The rebar is on the east side of a 4-way fence intersection on a gradual wooded slope above a small dry creek approximately 1700 feet west of the house at 7978 S Breden Road.

MONUMENT RECORD

Corner ID: InCr_C09

Quarter Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P291

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	N 41° W	14 links
Beech	14"	S 60° E	17 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: LSB2, page 131

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	12"	S 31° W	30 links (19.8 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/09/1972	Dorman, Henry	Survey of McDonald Place Tracts in Section 7-7N-2W (<i>no monument shown – corner depicted at fence intersection</i>)	MCSO RSID001734
03/19/1978	Farkas, Edmund	23.58-acre survey in Section 18 (<i>iron rebar found</i>)	MCSO RSID001934
01/08/2009	Tapp, Philip	Breeden Road Admin. Subd. in Section 7 (<i>accepted 1/2" rod found 0.2' above grade per adjacent deed and noted a 6"x6" stone four feet north</i>)	MCR 2009002667
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>accepted 5/8" rebar</i>)	MCR 2011005764 GCR 2011-2902
03/11/2011	Badger, Matthew	I69 Section 4 Segment 6 Route Survey (<i>accepted rebar</i>)	GCR 2011-0980
06/21/2011	Badger, Matthew	Cornwell site in Sec. 6 & 7-7N-2W (<i>accepted 5/8" rebar</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted 5/8" rebar</i>)	MCR 2011010190 GCR 2011-2897
11/19/2012	Deckard, Eric	Grubb Type "E" (<i>5/8" rebar found 2" above grade</i>)	MCR 2012021294
06/11/2020	Deckard, Eric	Grubb Type "E" (<i>accepted 5/8" rebar</i>)	MCR 2022011812
11/14/2021	Deckard, Eric	Breeden Road Minor in Section 7 (<i>accepted 5/8" rebar</i>)	MCR 2022001569

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W. S. Alexander established this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131, but did not specifically describe the monument. In 1978, Edmund Farkas found the rebar, the origin of which is unknown. In 2009, Philip Tapp found the stone at Witness C and noted that it was likely the historical monument. However, Mr. Tapp accepted the found rebar as the corner because it was specially called for in the adjacent deed. The rebar has been accepted on all subsequent surveys, including surveys of all of the adjacent properties. We held the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 4.3 feet.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_C09

Quarter Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

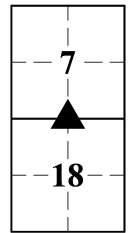


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Rebar at C09



Photo Orientation & Description: Looking north at C09

FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/13

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Date of last revision: September 20, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

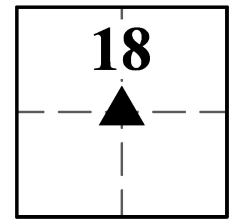
MONUMENT RECORD

Corner ID: InCr_C11

Center 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

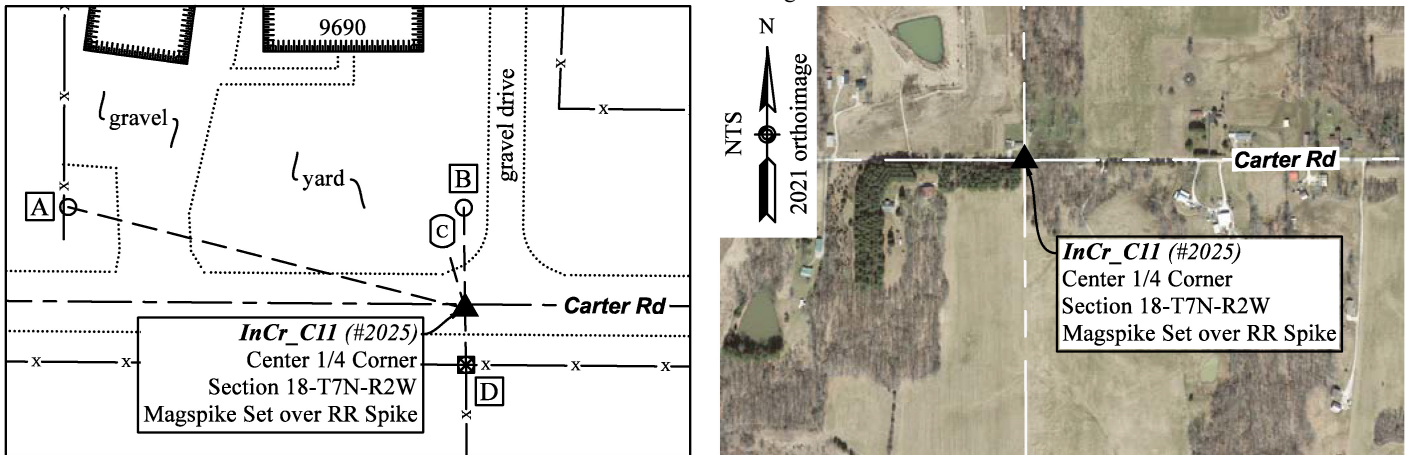


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4-1/2" long magspike in 2" diameter aluminum disc stamped "OSER IN PS#21100022" set slightly recessed over railroad spike found 7" below grade.

GEODETIC COORDINATES: Northing: 1382548.45, Easting: 3068726.33

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 75°41'32" W	102.48'	5/8" rebar with blue plastic DECKARD cap found 1" below grade on the east side of north/south wire fence
B	N 0°38'40" W	25.16'	5/8" rebar with yellow plastic DECKARD cap found 1" below grade on the west side of a gravel drive
C	N 16° W	20.1'	Northwest corner of phone riser
D	S 1° E	14.6'	PK nail found 1.6 feet above grade on the east side of a 6" x 8" railroad tie fence post with fence east, west, and south
E	N 0°51'39" W	178.34'	5/8" rebar with no cap found 9" above grade (not depicted on above sketch)

Notes: Witness ties were located with RTK. Witness ties B and C from the 1997 Monument Record were not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post with a yellow Monroe County "SURVEY MARKER" sign attached 4 feet above grade was set on the north side of the railroad tie post at Witness D. The post is 13.6 feet south of the monument.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is 1 foot south of the centerline of Carter Road (a public, 15-foot wide asphalt road) and in line with fence to the south.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY: The center corner was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

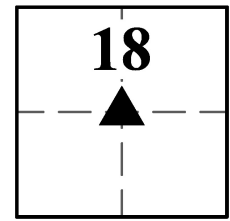
MONUMENT RECORD

Corner ID: InCr_C11

Center 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/28/1992	Ramsey, Stephen	Grubb survey in Sec. 18 (<i>found railroad spike</i>)	MCR 00300629
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>found railroad spike</i>)	MCR 2011005764 GCR 2011-2902
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>found railroad spike</i>)	MCR 2011010190 GCR 2011-2897
11/19/2012	Deckard, Eric	Grubb Type "E" Admin. Subd. in Sec. 18 (<i>railroad spike</i>)	MCR 2012021294
06/11/2020	Deckard, Eric	Grubb Type "E" Admin. Subd. (<i>railroad spike</i>)	MCR 2022011812

PREVIOUS CERTIFICATION

Is this this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 17, 1997.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the railroad spike is unknown. It was accepted by Steve Ramsey in 1992, Monroe County Surveyor Kevin Enright in 1997, and has consistently been accepted on subsequent surveys of record. We accepted the railroad spike as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 1 foot.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/20/2023



Photo Orientation & Description: Looking south at C11



Photo Orientation & Description: Looking north at C11

FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/15

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected

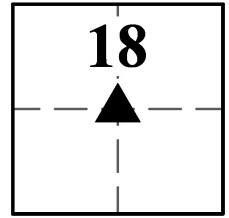
MONUMENT RECORD

Corner ID: InCr_C11

Center 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

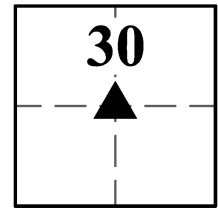
MONUMENT RECORD

Corner ID: InCr_C19

Center 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

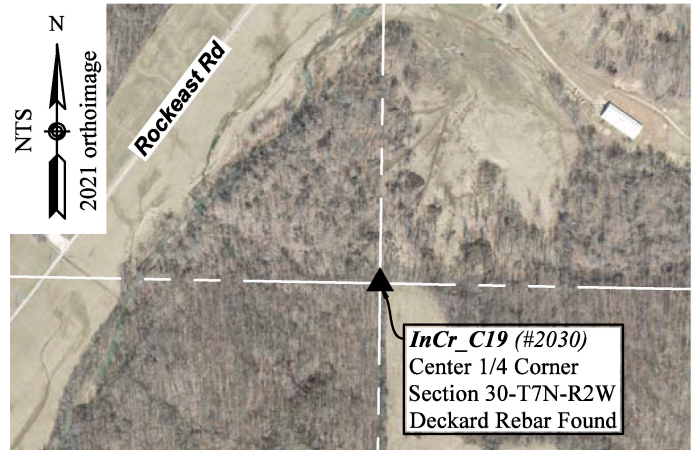
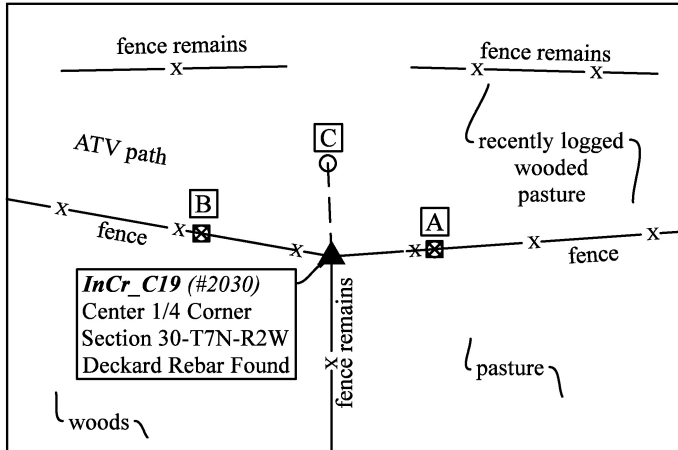


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with blue plastic cap stamped "DECKARD FIRM #0129" found 5" above grade on the south side of a new 7" diameter wooden fence post with new woven wire fence east and west and old barbed wire fence remains in poor condition to the south.

GEODETTIC COORDINATES: Northing: 1371974.80, Easting: 3068719.01

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 86° E	10.4'	2" mag nail set 6" above grade on the south side of an 8" wooden gate post
B	N 80° W	13.3'	2" mag nail set 7" above grade on the south side of a 5.5" wooden post
C	N 2°16'49" W	9.36'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush in the ATV path that runs along the interior of the perimeter fence

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Witness tie C was located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.35 feet west of the rebar with a Monroe County SURVEY MARKER sign attached 3.8 feet above grade facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is in a fence intersection on the south side of a perimeter ATV path and 19.2 feet southerly of east/west wire fence remains.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY: The center corner was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

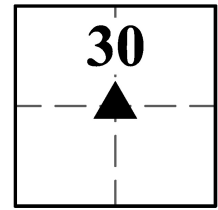
MONUMENT RECORD

Corner ID: InCr_C19

Center 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat (<i>origin of Deckard rebar</i>)	MCR 2020021994
04/08/2021	Deckard, Eric	Willoughby Minor Subd. Plat Amend. 1 (<i>accepted rebar</i>)	MCR 2021011664

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Eric Deckard set the rebar in 2020 at the intersection of opposite quarter corners, which fell 19.2 feet southerly of an east/west/south fence intersection. We accepted the rebar as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 19.2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Deckard rebar at C19



Photo Orientation & Description: Looking west at C19

FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/22

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

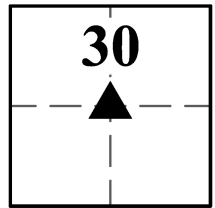
MONUMENT RECORD

Corner ID: InCr_C19

Center 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

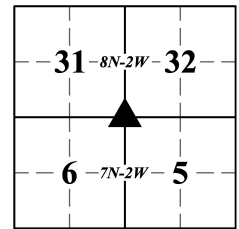
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E01

Section Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

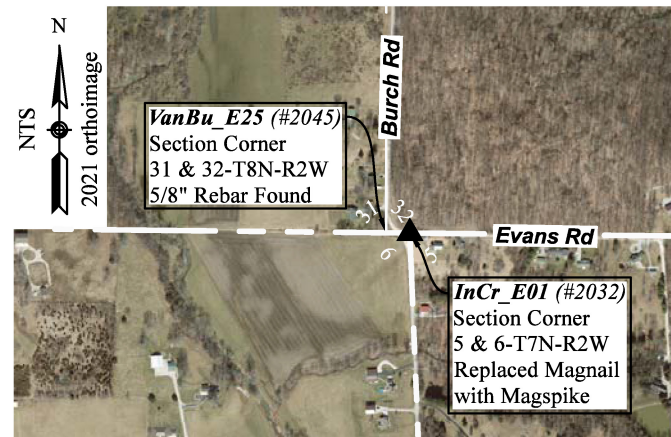
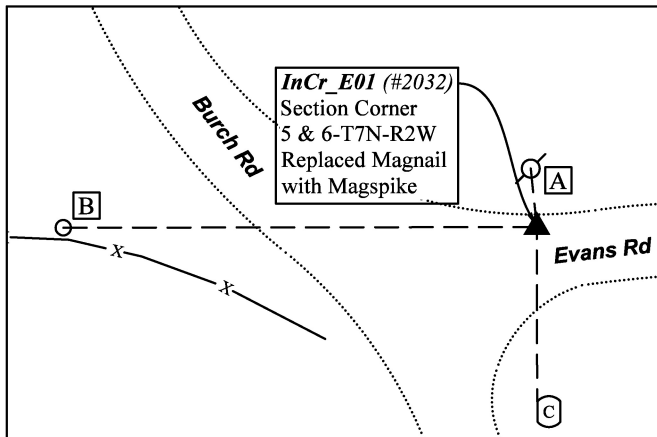


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" set 0.3 feet below grade to replace a 1-1/2" magnail found.

GEODETIC COORDINATES: Northing: 1395714.87, Easting: 3071113.42

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 6° W	15.3'	Monroe County SURVEY MARKER sign found 2 feet above grade on the south side of a 10" cut-off utility pole
B	S 89°54'55" W	123.16'	VanBu_E25 – Section Corner common to Sections 31 & 32-T8N-R2W 5/8" rebar with no cap found flush 4.2 feet north of a east/west fence remains
C	S 0° E	45.2'	Northwest corner of phone riser

Notes: Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County SURVEY MARKER sign was fund 2 feet above grade on the south side of Witness A.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The magspike is 4.5 feet south of the north edge of asphalt of Evans Road.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P290

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	12"	S 52° E	10 links
Sugar	8"	N 20° E	23 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

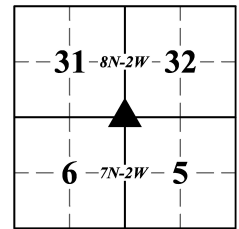
No legal survey records were found pertaining to this corner.

MONUMENT RECORD

Corner ID: InCr_E01

Section Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 6-7N-2W (<i>depicts IP</i>)	MCSO RSID004982
08/31/1976	Graham, Raymond	Clyde Kelly survey (<i>distances match RSID004982</i>)	MCSO RSID001724
11/08/2007	Tapp, Philip	Boundary survey for Langley (<i>origin of mag nail</i>)	MCR 2007022637
12/16/2008	Tapp, Philip	Burch Road Minor subd. Final Plat. (<i>accepted mag nail</i>)	MCR 2008020406
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated 1.11' south and 0.04' east of mag nail</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>calculated 1.11' south and 0.04' east of mag nail</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>calculated 1.11' south and 0.04' east of mag nail</i>)	MCR 2011010190 GCR 2011-2897

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011 and November 21, 2017.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The magnail was set by Philip Tapp in 2007 based on ties to several pk nails found per record documents. In 2011, Matthew Badger held the magnail as a witness to the closing corner. The closing corner should fall on the senior township line, which falls 1.1 feet north of the magnail. Badger chose not to monument his calculated location to avoid confusion. The magnail was then accepted by the Surveyor Review Board in 2011 and 2017. We accepted the magnail as the corner by common report and we replaced it with a 4-1/2" long magspike.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 1.11 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: Magspike at E01



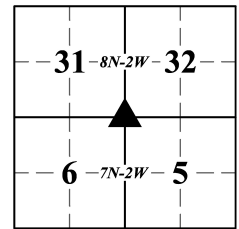
Photo Orientation & Description: Looking north at E01

MONUMENT RECORD

Corner ID: InCr_E01

Section Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM # 3/78

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

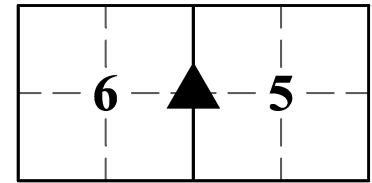
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E03

Quarter Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

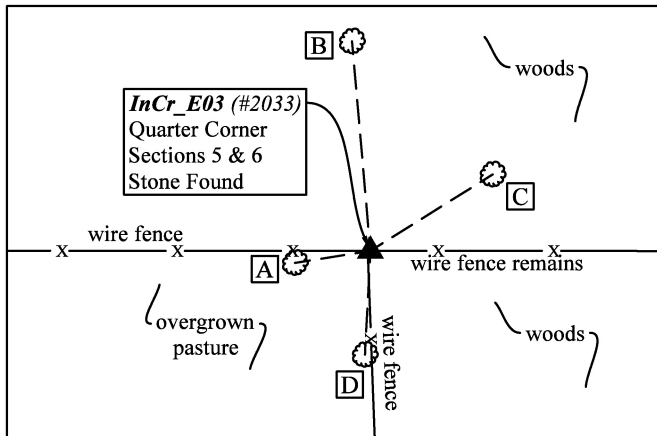


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

2" x 5" stone with no markings found 5" above grade on the east side of a rotten corner post with fence to the west, east, and south

GEODETIC COORDINATES: Northing: 1393105.02, Easting: 3071218.88

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 81° W	11.9'	magnail and shiner stamped "Monroe Co. Surveyor" found 11" above grade on the east side an 8" maple
B	N 5° W	32.8'	magnail found 9" above grade in the SE root flair of a 32" tulip poplar
C	N 58° E	22.5'	magnail found 10" above grade on the southwest side of a 10" hickory with fence remains
D	S 03° W	16.2'	magnail found mostly grown over 8" above grade on the east side of a 7" maple with a MCSO sign found 5 feet above grade facing south

Notes: Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Distances are ground and were measured with a 100' steel tape from the monument to the mag nail. Bearings were verified with a 2° compass adjusted for declination.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was found 0.5 feet east of the stone. A Monroe County Surveyor Marker sign was found attached to the west side of the post 2.9 feet above grade and facing the stone.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the southwest corner of the house at 7032 S Burch Road, walk NNW down an old logging road that wraps around to the southwest, across a small creek and to the corner, which is at the NE corner of an overgrown pasture. There is a hollow old 12" wooden post on the west side of the stone, only approximately 2 feet of which remains above grade. Wire fence in poor condition runs south and west from the corner post and wire fence remains run east. There is a Monroe County Survey Marker sign 5 feet above grade on the NW side of the 7" maple tree noted above as witness monument D.

PERPETUATION RECORD

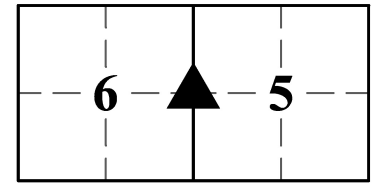
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E03

Quarter Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P290

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	30"	S 89° E	25 links (16.5 feet)
Dogwood	4"	N 63° W	13 links (8.6 feet)

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 08/14/1890 By: Buskirk, M.

Where filed or recorded: LSB2, pgs 492-493

Original monument: Not described, presumed stone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	18"	N 45° W	18.5 links (12.2 feet)
Sugar	20"	N 13° E	25.5 links (16.8 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 6-7N-2W (<i>depicts IP</i>)	MCSO RSID004982
03/23/2001	Curry, Douglas	Pate boundary survey in Section 5 (<i>no monument found</i>)	MCR 2001009966
09/10/2001	Utt, Lee	Survey of 2 tracts in Section 5 (<i>no monument depicted</i>)	MCR 2001023846
04/19/2004	Utt, Lee	Douglas Dixon Sr. Admin. Subd. Type "E" (<i>found stone</i>)	MCSO RSID001691
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>stone</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Survey of Cornwell site in Sec. 6 & 7-7N-2W (<i>stone</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>found stone</i>)	MCR 2011010190 GCR 2011-2897
01/04/2012	Deckard, Eric	John Haskett Boundary survey (<i>found stone</i>)	MCSO RSID001719

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on November 21, 2017.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor M. Buskirk established this corner in 1890 per the legal survey filed in Legal Survey Book 2, page 492, but did not specifically describe the monument. The stone first appeared in the modern survey record in 2004 and has been accepted on all subsequent surveys of record. We accepted the stone as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: Stone at E03



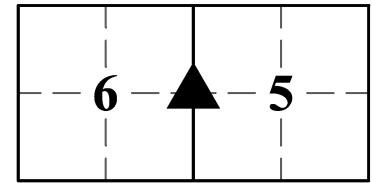
Photo Orientation & Description: Looking south at E03

MONUMENT RECORD

Corner ID: InCr_E03

Quarter Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 3/79

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

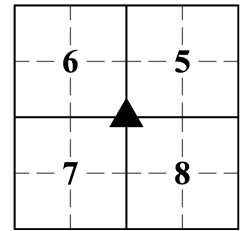
MONUMENT RECORD

Corner ID: InCr_E05

Section Corner

Sections 05, 06, 07 & 08 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

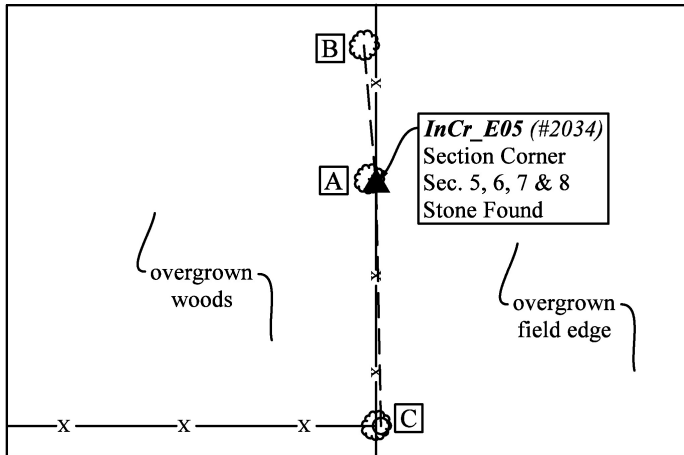


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

0.6'x 0.3' stone with faint "+" found 0.3 feet above grade in line with north/south fence. The stone is protected by a large rock (0.6' x 0.6' x 0.8' tall) on its east side.

GEODETIC COORDINATES: Northing: 1390463.50, Easting: 3071322.70

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 54° W	2.2'	Magnail in Monroe Co. Surveyor shiner found 1.3 feet above grade on the southeast side of a 24.5" maple with a Monroe County SURVEY MARKER sign found 4 feet above grade on its west side
B	N 5° W	34.7'	Magnail in Monroe Co. Surveyor shiner found 0.9 feet above grade on the south side of a 19" maple
C	S 1°10'51" E	60.15'	3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found 2" above grade on the east side of a tree fence corner

Notes: Distances to witness ties A and B were measured with a 100-foot steel tape. Bearings to witness ties A and B were collected with the internal magnetic compass of the Javad Triumph LS and verified with a 2° compass adjusted for declination. Witness Tie C was located with RTK. Witness ties C and D from the 2017 Record were gone in 2023.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.4 feet west of the stone with a Monroe County SURVEY MARKER sign attached 3.9 feet above grade facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the 90° on Burch Road, walk west along a field edge for approximately 950 feet to a north/south fence line. Then walk south along the fenceline for approximately 600 feet to the stone.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

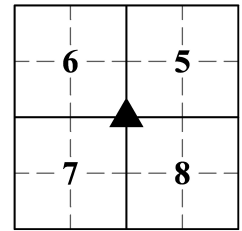
MONUMENT RECORD

Corner ID: InCr_E05

Section Corner

Sections 05, 06, 07 & 08 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	12"	S 2° W	8 links
Beech	20"	N 64° W	24 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: W.S. Alexander

Where filed or recorded: LSB2, pg 131

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None noted			

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
05/28/1997	Graham, Raymond	91.64 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001740
09/18/2000	Graham, Raymond	5.96 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001733
09/10/2001	Utt, Lee	Survey of 2 tracts in Section 5 (<i>not described</i>)	MCR 2001023846
04/19/2004	Utt, Lee	Douglas Dixon Type "E" in Section 5 (<i>stone</i>)	MCSO RSID001691
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>stone</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Cornwell Site Boundary in Sec. 6 & 7-7N-2W (<i>stone</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>stone</i>)	MCR 2011010190 GCR 2011-2897
01/04/2012	Deckard, Eric	John Haskett Boundary survey in Section 5 (<i>stone</i>)	MCSO RSID001719

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on November 21, 2017.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W.S.Alexander established this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131, but did not describe the monument. The stone first appeared in the modern survey record in 1997 and has been accepted on all subsequent surveys of record. We accepted the stone as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Date: 04/20/2023



Photo Orientation & Description: Stone at E05



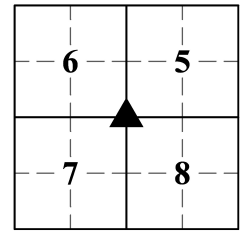
Photo Orientation & Description: Looking south at E05

MONUMENT RECORD

Corner ID: InCr_E05

Section Corner

Sections 05, 06, 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/16

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Date of last revision: September 20, 2023
Signature:



Seal:

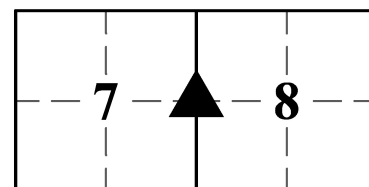
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E07

Quarter Corner

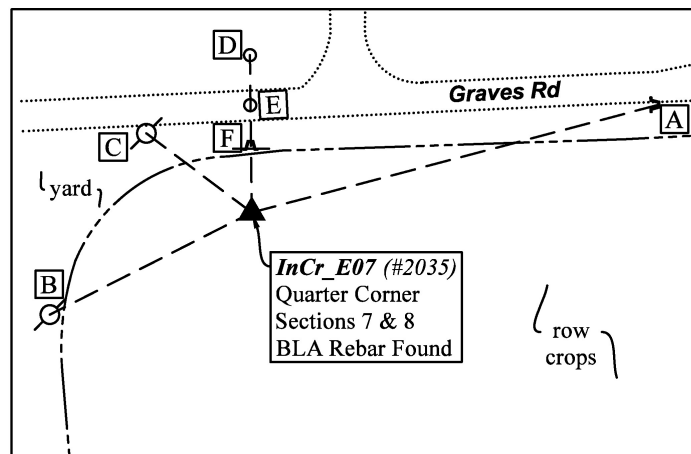
Sections 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
3/4" rebar with plastic cap stamped "BLA FIRM 0030" found 6" below grade in a field of row crops.

GEODETIC COORDINATES: Northing: 1387830.68, Easting: 3071350.70

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 75° E	210.4'	1-1/2" orange plastic hub disc stamped "SURVEY MARKER" bolted 3.5 feet above grade on the west side of a steel upost with a reflective sign. The upost is 12" south of the south edge of asphalt and marks a culvert
B	S 63° W	112.8'	Mag nail found 2.4 feet above grade on the north side of 9" utility pole "UDWI 142002"
C	N 53° W	65.8'	Mag nail found 10" above grade on the north side of 9" utility pole "UDWI 142001"
D	N 0°37'46" W	78.56'	5/8" rebar with orange plastic cap stamped "GRAHAM PC 9800014" found flush at the south base of a t-post with a Monroe County SURVEY MARKER sign attached 4 feet above grade
E	N 0°47'14" W	53.59'	Small mag nail found slightly recessed in the centerline of Graves Road
F	N 1° W	35.8'	5-foot steel t-post set in an east/west fenceline on the south side of Graves Road. A Monroe County SURVEY MARKER" sign was attached facing south 3.75 feet above grade.

Notes: Witness ties were located with RTK. Bearings and distances are to the nail, not the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A 5-foot steel t-post was set in an east/west fenceline on the south side of Graves Road. A Monroe County SURVEY MARKER" sign was attached facing south 3.75 feet above grade.

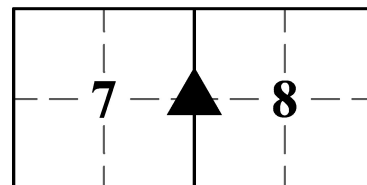
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The rebar is in a field of row crops on the east side of the house at 8995 W Graves Road.

MONUMENT RECORD

Corner ID: InCr_E07

Quarter Corner

Sections 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	5"	N 84° E	16 links
Sugar	10"	N 18° E	24 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/18/2000	Graham, Raymond	5.96 acre survey in Section 7 (<i>pk nail set 7.74 feet north</i>)	MCSO RSID001733
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of 3/4" rebar with plastic cap stamped "BLA FIRM 0030"</i>)	MCRO 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted BLA rebar</i>)	MCRO 2011010190 GCRO 2011-2897
09/25/2014	Deckard, Eric	Keller Burch Type "A" Admin. Subd. (<i>accepted rebar</i>)	MCRO 2014013187
10/26/2015	Ballard, Dustin K.	Monroe Co. Bridge #909 Location Route control survey (<i>accepted BLA rebar</i>)	MCRO 2015015451

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor set a wooden post at this corner in 1815. No trace was found of the post or its accessories. The post was set equidistant between the northeast corner of Section 7 (currently monumented by a stone) and the southeast corner of Section 7 (currently monumented by an iron pin that perpetuates the location of a stone). In 2000, Raymond Graham calculated a position for this corner that was 7.74 feet south of the centerline of Graves Road, which is 45.9 feet north of the mathematical split between the northeast and southeast corners of Section 7. The methodology employed by Graham to calculate this corner is unknown and we found no evidence of reliance on Graham's calculated position by other surveyors or by the public. In 2011, Matthew Badger monumented the corner at the midpoint between the northeast and southeast corners of the section. The Badger rebar has been accepted on all subsequent surveys and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 53.6 feet.
- Discrepancies in the Documents: 45.9 feet
- Inconsistencies in the lines of Occupation: 53.6 feet
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_E07

Quarter Corner

Sections 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

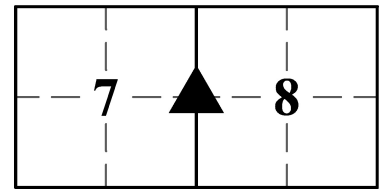


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Rebar at E07



Photo Orientation & Description: Rebar at E07



Photo Orientation & Description: Looking west at E07



Photo Orientation & Description: Standing at E07 (not pictured) looking north at Survey Marker sign

FIELD PERSONNEL: Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #:OSM #10246 Field Book: 7/12

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

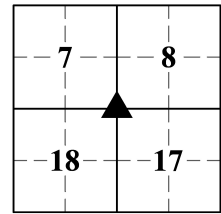
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

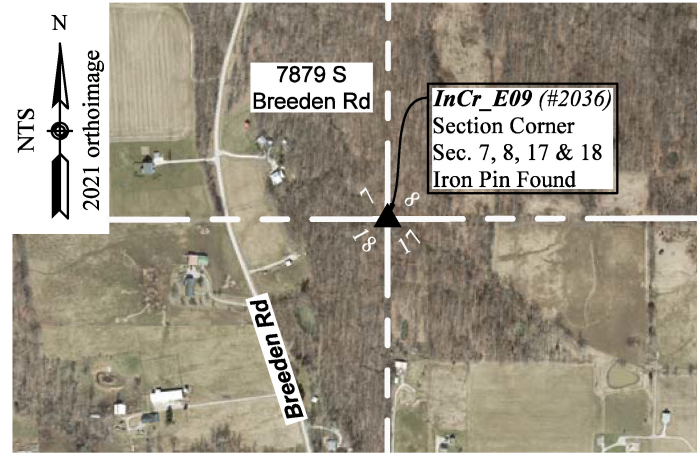
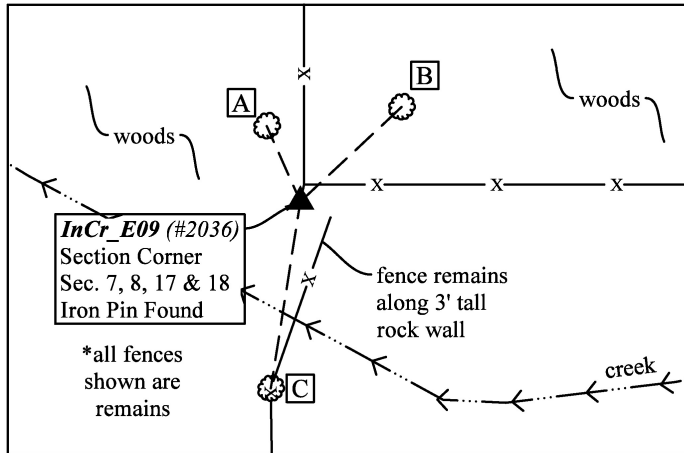
Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
1" forming pin found leaning south 16" above grade

GEODETIC COORDINATES: Northing: 1385197.66, Easting: 3071342.71

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 24° W	12.4'	Mag nail and 1-1/2" orange plastic disc found in hack mark 0.9 feet above grade on the southwest side of a 7" beech
B	N 47° E	20.8'	Mag nail and 1-1/2" orange plastic disc found in hack 1.1 feet above grade on the west side of a 26" black oak
C	S 9° W	28.4'	1/2" rebar found 2.8 feet above grade on the southeast side of a 29" sycamore with north/south fence remains

Notes: Distances to witness ties were measured with a 100-foot steel tape from the base of the forming pin to the nail. Bearings to witness ties were measured from the base of the forming pin to the center of the tree and were collected with the internal magnetic compass of the Javad Triumph LS adjusted to Grid North. Bearings to witness ties were verified with a 2° compass adjusted for declination and are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A steel t-post was found 1.15 feet northeast of the corner with a Monroe County SURVEY MARKER sign attached 3 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The iron pin is solidly planted at the top of a steep bank that is in danger of slumping. We had planned to replace the pin with a capped rebar, but after evaluating the field conditions, we decided that replacement would likely shorten the longevity of the monument. The iron pin is 2.6 feet southwest from a magnail found 0.9 feet above grade on the southeast side of a 6" x 6" fence corner post with a Monroe County SURVEY MARKER sign 3 feet above grade. The corner is in a wooded area approximately 725 feet southeast of the house at 7879 S Breeden Road.

PERPETUATION RECORD

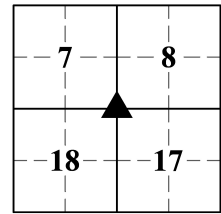
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	6"	S 56° W	17 links
Beech	8"	S 67° E	20 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. The corner was referenced on three legal surveys, none of which described or witnessed the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 7 (<i>stone</i>)	
04/15/1854	Spencer, James	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB1, pg 269
05/01/1865	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 130
11/21/1866	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 131
11/19/1975	Graham, Raymond	19.16 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001732
12/18/1975	Graham, Raymond	Survey of McDonald Tracts in Section 7 (<i>stone</i>)	MCSO RSID001745
03/19/1978	Farkas, Edmund	23.58 acre survey in Section 18 (<i>stone</i>)	MCSO RSID001934
09/22/1978	Graham, Raymond	Survey of 42.7 acres in Sec. 7 for Don Conder (<i>stone</i>)	MCSO RSID001731
03/27/1989	Utt, Lee	Survey of 2 tracts in Section 17 (<i>stone</i>)	MCRO 1989903591
06/19/1991	Utt, Lee	Survey of 2 tracts in Sections 8 and 17 (<i>stone</i>)	MCSO RSID001750
11/21/1992	Ramsey, Stephen	3.22 acre & 4.69 acre survey in Sec.17 (<i>stone</i>)	MCSO RSID001925
04/29/2002	Graham, Charles D	Type E Admin. Subd. On Crum Road in Sec.17 (<i>stone</i>)	MCSO RSID001929
05/16/2002	Graham, Charles D	30.68 acre survey in Section 17 (<i>found stone</i>)	MCSO RSID001928
06/15/2002	Ramsey, Stephen	Survey in Sections 17 and 18 (<i>found stone</i>)	MCSO RSID001924
04/20/2004	Utt, Lee	Brad Boyle Admin. Type "A" Subd. in Sections 8 & 17 (<i>found stone</i>)	MCSO RSID001749
01/08/2009	Tapp, Philip	Breeden Road Admin. Subd. in Section 7 (<i>6" x 6" stone found 18" tall leaning south</i>)	MCRO 2009002667
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>accepted 5/8" rebar</i>)	MCRO 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted 5/8" rebar found 12" above grade</i>)	MCRO 2011010190 GCRO 2011-2897
11/14/2021	Deckard, Eric	Breeden Road Minor Subdivision in Section 7 (<i>accepted 5/8" rebar found 16" above grade believed to have replaced the old stone</i>)	MCRO 2022001569

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. A stone was approved by the Monroe County Surveyor Review Board on October 27, 1999. The stone was presumably replaced with the forming pin, but we were unable to find a record of the replacement.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

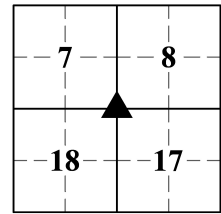
This corner was referenced on three mid-1800s era legal surveys that did not describe or witness the monument. A stone first appeared in the survey record in 1975 and it was accepted on all subsequent surveys of record (including the 1999 Monroe County Monument Record) through 2009, when Philip Tapp noted that it was leaning south. When Matthew Badger located the corner in 2011, the stone had been replaced with the forming pin. The party responsible for replacing the stone is unknown, but we found it to check the 1999 witness ties and ties to other survey monuments, so we accepted it as the best evidence of the corner.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2.6 feet
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Forming pin at E09



Photo Orientation & Description: Looking northeast at E09

FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August ??, 2023
Signature:

Rachel Oser



Seal:

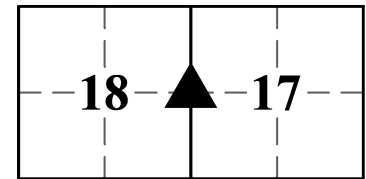
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E11

Quarter Corner

Sections 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

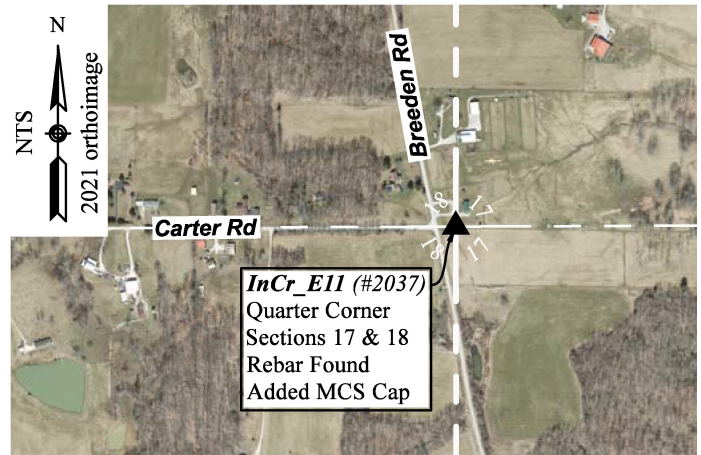
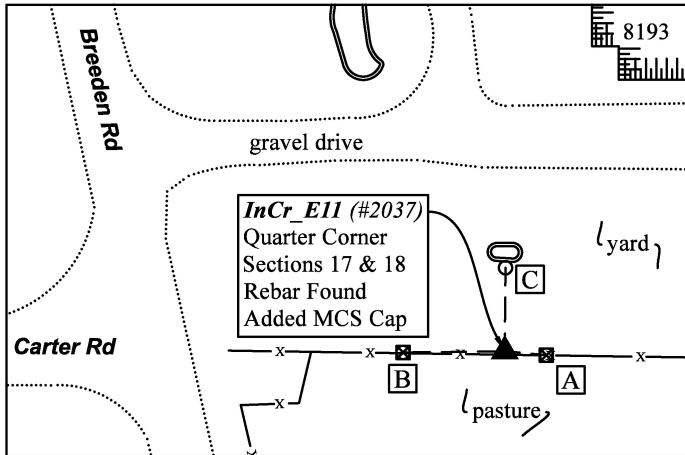


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

2" diameter aluminum cap stamped "MONROE COUNTY SURVEYOR" added to top of 5/8" rebar found 3" below grade and 12" north of an east/west wire fence.

GEODETIC COORDINATES: Northing: 1382558.65, Easting: 3071340.71

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 85° E	12.5'	2" mag nail and 1-1/2" orange plastic disc set 10" above grade on the north side of an 8" wood fence post
B	S 89° W	30.4'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the north side of an 6" wood fence post
C	N 0°31'40" E	25.01'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. The rebarlite is 1.75 feet south of a stacked rock landscaping border

Notes: Witness ties were located with RTK. The fence locations shown on the 1997 Monument Record do not represent the current fence locations and none of the old witness ties were found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The 5/8" rebar was found 2" below grade with no cap. After installing the aluminum cap, the rebar was 3" below grade. We set a 5-foot steel t-post 12" south of the rebar in an east/west barbed wire fence line with a Monroe County "SURVEY MARKER" sign attached 3.75 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is in the south side yard of the house at 8193 S Breeden Road.

PERPETUATION RECORD

EXISTING SURVEY HISTORY

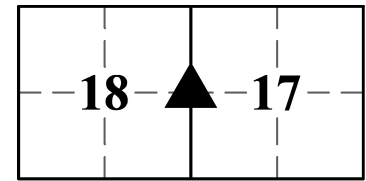
Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E11

Quarter Corner

Sections 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	3"	S 13° W	7 links
Sugar	12"	N 45° E	17 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. This corner is referenced in the three legal surveys listed below, but none of them described or witnessed the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Archer, Steven	Cole Property in Sections 17 & 18 (<i>origin of 5/8" rebar</i>)	MCSO RSID001947
04/18/1846	Spencer, James	Legal Survey in Section 17 (<i>not described or witnessed</i>)	MCSO LSB1, pg 85
04/13/1854	Spencer, James	Legal Survey in Section 18 (<i>not described or witnessed</i>)	MCSO LSB1, pg 269
06/22/1916	Bowers, Charles	Legal Survey in Section 17 (<i>not described or witnessed</i>)	MCSO LSB3, pg 63
04/29/2002	Graham, Charles	Crum Road Type E in Sec.17 (<i>5/8" rebar found</i>)	MCSO RSID001929
09/18/2010	Ramsey, Stephen	Cole Estates Minor Subd. in Sec.17 & 18 (<i>5/8" rebar</i>)	MCR 2010017218
03/31/2011	Badger, Matthew	Zike Site Conservation Esmt. in Sec.20 & 21 (<i>5/8" rebar</i>)	MCR 2011004420
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>5/8" rebar</i>)	MCR 2011010190 GCR 2011-2897
06/11/2020	Deckard, Eric	Grubb Type "E" Administrative Subd. in Sec.18 (<i>rebar</i>)	MCR 2022011812
02/23/2021	Deckard, Eric	Crum Road Minor Subd. in Sec.17 (<i>5/8" rebar</i>)	MCR 2021004416

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 17, 1997.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The rebar was set by Steven Archer as shown on an undated survey filed as RSID001947 and has been accepted on all subsequent surveys of record. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 6.8 feet (1854 legal survey distance vs. measured distance from A11 to E11).
- Inconsistencies in the lines of Occupation: 1 foot.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument with photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Capped rebar at E11



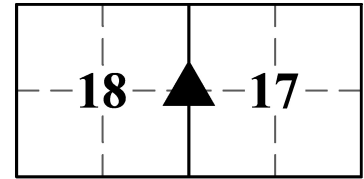
Photo Orientation & Description: Looking west at E11

MONUMENT RECORD

Corner ID: InCr_E11

Quarter Corner

Sections 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Date of last revision: September 20, 2023
Signature:

A handwritten signature in black ink that reads "Rachel Oser".



Seal:

This document is not complete without the associated plat and report of even date.

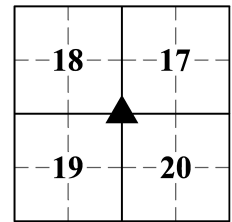
MONUMENT RECORD

Corner ID: InCr_E13

Section Corner

Sections 17, 18, 19 & 20 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

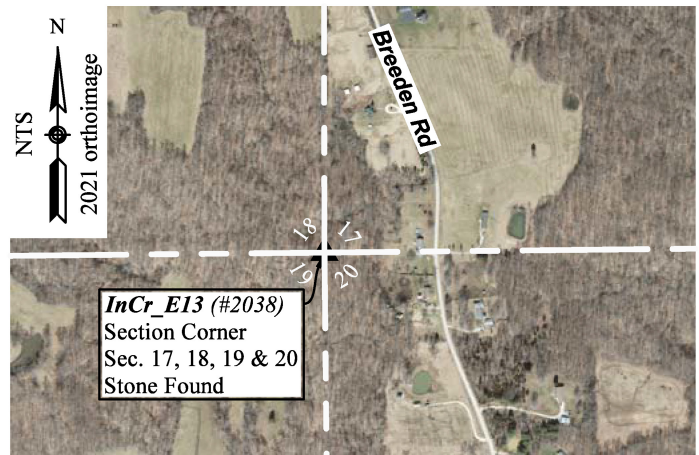
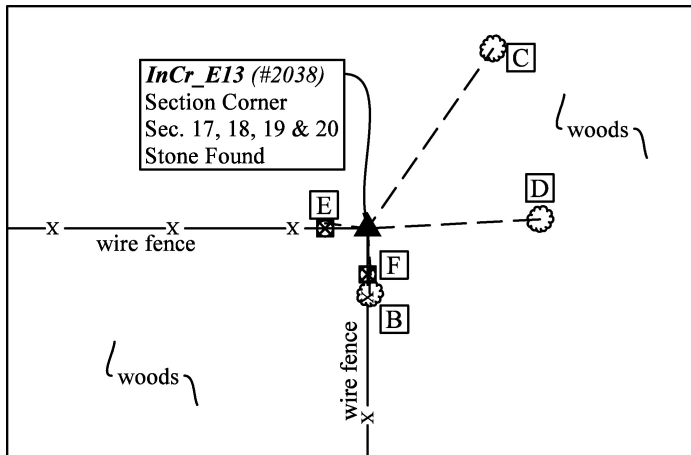


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

3" x 5-1/2" x 10" tall stone with no markings protected on its east side by a 3" diameter axle found on the southwest side of a 7" x 7" split wood post with fence south and west

GEODETIC COORDINATES: Northing: 1379939.86, Easting: 3071344.26

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 46°43'58" E	0.36'	3" diameter axle found 2" above grade on the east side of the stone (not depicted)
B	S 2° E	9.8'	Magnetic signal found 17" above grade on the west side of a 12" sugar maple with north/south fence through its center and east side
C	N 35° E	32.8'	Magnetic signal found 6" above grade on the southeast side of an 18" hickory
D	N 87° E	25.9'	28" white oak (no signal) measured to the center of the north side
E	N 83° W	6.4'	2" mag nail and 1-1/2" orange plastic disc set 12" above grade on the south side of a 6" x 7" split wood post
F	S 4° E	6.9'	2" mag nail and 1-1/2" orange plastic disc set 5" above grade on the north side of a 6" x 6" split wood post

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The stone was found with a significant westward lean. We stood the stone back up, shored it up, and left it 10" above grade. A 5-foot steel t-post was set 0.4 feet west with a Monroe County SURVEY MARKER sign attached 3.5 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is approximately 500 feet west of the house at 8484 Breedon Road.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

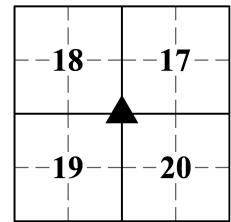
MONUMENT RECORD

Corner ID: InCr_E13

Section Corner

Sections 17, 18, 19 & 20 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P288

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	8"	S 62° W	3 links
Hickory	15"	S 61° E	31 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1881 By: Buskirk, M.

Where filed or recorded: LSB2, pg 349

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	18"	-	-
Beech	20"	S 50° E	40.5 links (26.7')

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Archer, Steven	132.21 acre Cole Property in Sec. 17 & 18 (stone found)	MCSO RSID001947
03/25/2010	Curry, Douglas	Summit Type A Admin in Section 20 (stone found)	MCR 2011009793
09/18/2010	Ramsey, Stephen	Cole Estates Minor Subd. in Sec. 17 & 18 (stone found)	MCR 2010017218
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 & 21 (stone found)	MCR 2011004420
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (stone found)	MCR 2011010190 GCR 2011-2897
07/18/2017	Deckard, Eric	Fender Minor Subd. Final plat (stone found)	MCR 2017010189
02/23/2021	Deckard, Eric	Crum Road Minor Subd. Final Plat (stone found)	MCR 2021004416

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 14, 2000.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone may have been set by Monroe County Surveyor M. Buskirk in 1881 when he established this corner, but no trace was found of Buskirk's witness trees. The stone has consistently been accepted on subsequent surveys of record and we accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 0.25 feet.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Stone and axle at E13



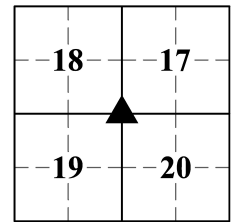
Photo Orientation & Description: Looking north at E13

MONUMENT RECORD

Corner ID: InCr_E13

Section Corner

Sections 17, 18, 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/19

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

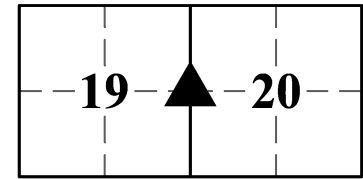
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E15

Quarter Corner

Sections 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

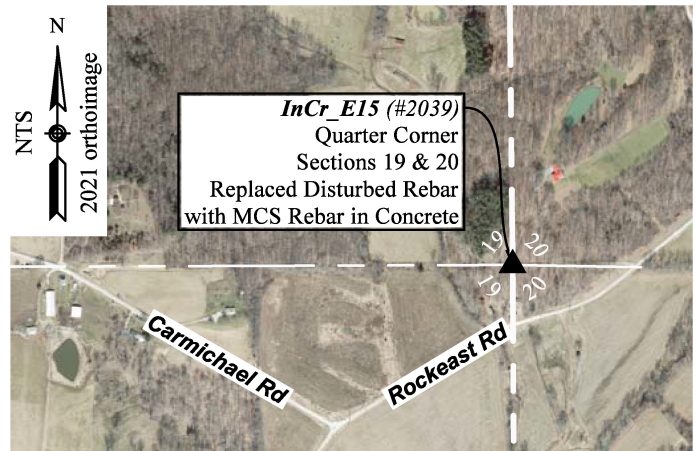
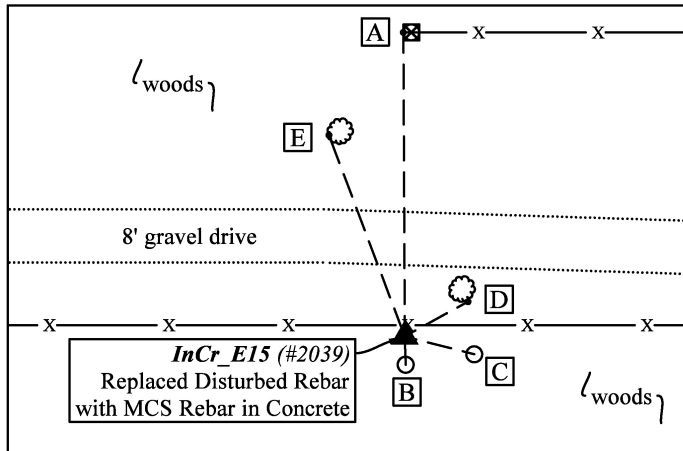


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 12" long rebar with 2" aluminum cap stamped "OSER 21100022 MONROE COUNTY SURVEYOR" set flush in 10" diameter concrete base 2" above grade.

GEODETIC COORDINATES: Northing: 1377310.02, Easting: 3071372.49

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0° W	45.7'	2" mag nail and 1-1/2" orange plastic disc set 4" above grade on the west side of a 12" diameter split wood post with fence to the east
B	S 1°49'30" E	4.26'	1/4" rebar of unknown origin found 5" above grade
C	S 75°34'53" E	10.80'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
D	N 61° E	10.86'	mag nail and 1-1/2" orange plastic disc found 7" above grade on the southeast side of a 3-1/2" hackberry
E	N 21° W	32.3'	mag nail and 1-1/2" orange plastic disc found 6" above grade on the west side of a 3-1/2" maple

Notes: Witness ties A, B, and C were located with RTK. Bearings and distances are to witness ties D and E were measured with a total station and are to the mag nail, not to the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5/8" x 24" rebar with a yellow plastic Bynum Fanyo cap was found loosely held up with rocks with 5" of the rebar below grade. We removed the rebar and located the hole. We then attempted to remove the rocks underneath, but we hit bedrock after removing the first 2 layers of rocks. We reset a shorter rebar in a stable concrete base and set a 5-foot steel t-post 0.9 feet south. A Monroe County SURVEY MARKER sign was attached to the t-post 4 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is approximately 100 feet northeast of the entrance to Weaver Cave. It is 1.7 feet south of an east/west wire fence on the north side of an old east/west roadbed and on the south side of an east/west 8-foot-wide gravel drive.

PERPETUATION RECORD

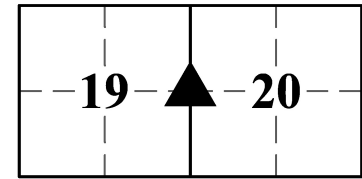
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E15

Quarter Corner

Sections 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P288

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	25"	N 15° E	12 links
Beech	6"	S 81° E	18 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1881 By: Buskirk, M.

Where filed or recorded: MCSO LSB2, pg 349

Original monument: Not described.

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	40"	S 73.5° W	118.5 links (78.2')
Sugar	18"	S 56.5° W	109.5 links (72.3')

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/12/1854	Spencer, James	Legal Survey in Section 20 (<i>not described or witnessed</i>)	MCSO LSB1, pg 268
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 and 21 (<i>calculated position at the midpoint between the stone at E13 and the stone (not accepted this survey) at E17</i>)	MCR 2011004420
07/18/2017	Deckard, Eric	Fender Minor Subd. Final plat (<i>calculated position at intersection of north, east, and west fence</i>)	MCR 2017010189
11/10/2018	Graham, Charles	Moore's Buena Vista Farm I Minor Subd. (<i>BFA rebar</i>)	MCR 2019013999
11/12/2018	Graham, Charles	Moore's Buena Vista Farms Retracement survey (<i>origin of Bynum Fanyo rebar</i>)	MCR 2018015296
09/28/2021	Deckard, Eric	Brian Moore Sliding Scale Subdivision II - Final Plat in Sections 19 and 20 (<i>accepted BFA rebar</i>)	MCR 2022001227

PREVIOUS CERTIFICATION:

Is this this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor set a wooden post at this corner in 1815 and in 1881, Monroe County Surveyor M. Buskirk reestablished the corner. We found no trace of the historical monuments or their accessories. This corner first appeared in the modern survey record in 2011, when Matthew Badger calculated its position at the midpoint between the stone at the northeast corner of Section 19 (E13) and the rock (not accepted this survey) at the southeast corner of Section 19 (E17). The location calculated by Mr. Badger was located 21 feet west of the found rebar. In 2017, Eric Deckard accepted a north/east/west fence intersection located 7.3 feet east of the found rebar. In 2018, Charles Graham set the Bynum Fanyo rebar. The east/west position of the rebar was based on two wooden fence posts to the north that were accepted as being on the west line of the Southwest quarter of the Northwest quarter of Section 20 by Ben Bledsoe in 2003 (Instrument Number 2003017166). The methodology employed by Mr. Graham to establish the north/south location of the corner is unknown. In 2021, Eric Deckard accepted the Bynum Fanyo rebar. We found the rebar loosely held in place by several rocks with only 5" below grade. Due to the unstable nature of the rebar, we tied into several monuments from Mr. Deckard's 2021 survey and reset a stable monument in the location accepted by Deckard.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 4.26 feet.
- Discrepancies in the Documents: 21 feet.
- Inconsistencies in the lines of Occupation: 10 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_E15

Quarter Corner

Sections 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

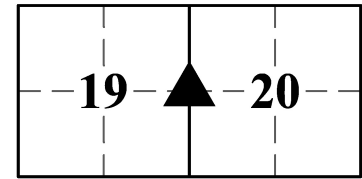


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/24/2023



Photo Orientation & Description: Capped rebar in concrete



Photo Orientation & Description: Looking west at E15

FIELD PERSONNEL:

Field Date: 04/22/2023 and 04/24/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/24

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

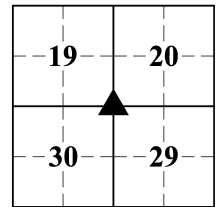
MONUMENT RECORD

Corner ID: InCr_E17

Section Corner

Sections 19, 20, 29 & 30 – T07N – R02W, 2nd P.M.

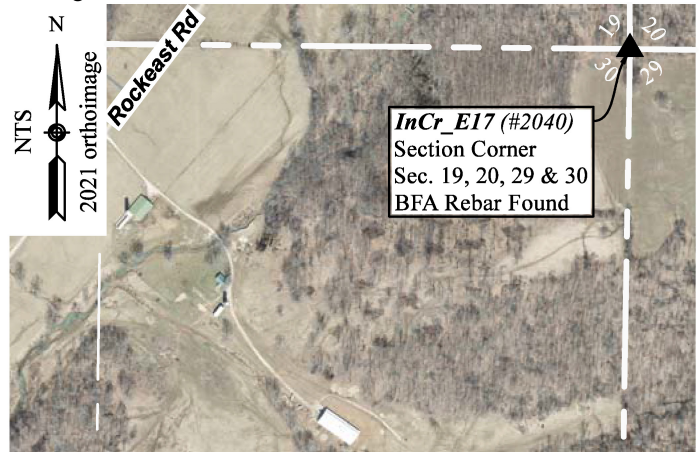
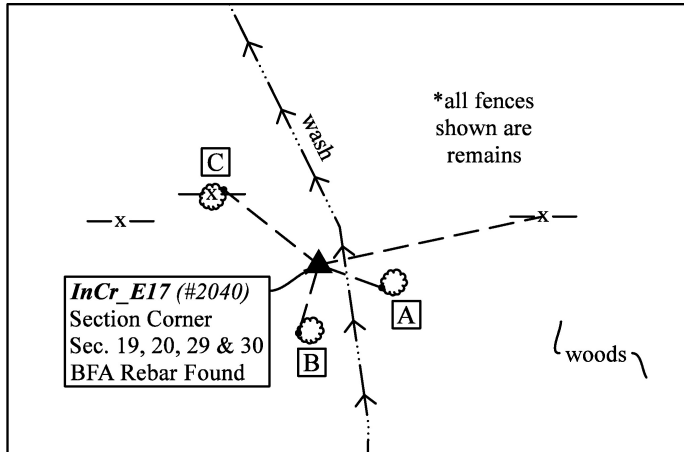
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with yellow plastic cap stamped "BYNUM FANYO LS 29500014" found 8" above grade.

GEODETIC COORDINATES: Northing: 1374674.08, Easting: 3071388.46

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 70° E	10.0'	2" mag nail and 1-1/2" orange plastic disc set flush in southwest root flair of a 9" maple
B	S 17° W	10.7'	2" mag nail and 1-1/2" orange plastic disc set flush in west root flair of a 19" hickory
C	N 52° W	18.1'	2" mag nail and 1-1/2" orange plastic disc set flush in northeast root flair of 18" beech with east/west wire fence remains

Notes: Witness ties were located with RTK. Bearings and distances are to the nail, not to the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 6-foot steel t-post was set 0.5 feet west with a Monroe County SURVEY MARKER sign set 4 feet tall facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is in a wooded area approximately 10 feet south of east/west wire fence remains on the west side of a shallow wash running south to north.

PERPETUATION RECORD

EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P287

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	8"	N 35° E	14 links (9.2 feet)
Maple	15"	S 33° E	31 links (20.5 feet)

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1881 By: Buskirk, M.

Where filed or recorded: MCSO LSB2, pg 349

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	24"	N36°E	13.3 links (8.8 feet)
Black walnut	6"	N58.5°E	42 links (27.7 feet)

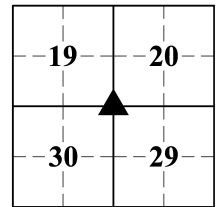
No legal survey reference monuments were recovered.

MONUMENT RECORD

Corner ID: InCr_E17

Section Corner

Sections 19, 20, 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 & 21-7N-2W (found 8"x 14"x 6" stone of unknown origin with no markings 1" above grade under a woven wire fence)	MCR 2011004420
11/10/2018	Graham, Charles	Moore's Buena Vista Farm I Minor (origin of BFA rebar)	MCR 2019013999
11/10/2018	Graham, Charles	Moore's Buena Vista Farm II Minor Subd. (BFA rebar)	MCR 2019014000
11/12/2018	Graham, Charles	Moore's Buena Vista Farm Retracement survey (BFA rebar)	MCR 2018015296
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat (BFA rebar)	MCR 2020021994
03/01/2021	Oser, Rachel	Sturgeon Family Minor Subdivision (conflicting monuments noted)	MCR 2021007101
12/23/2021	Deckard, Eric	Southern - Easement Exhibit (not noted)	MCR 2021024112

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor M. Buskirk established this corner in 1881. No trace was found of Buskirk's monument or its accessories. Matthew Badger accepted an unmarked 8" x 14" stone found in east/west wire fence remains as the corner in 2011. We found the 8" x 14" stone N77°W 30.4 feet from the rebar, but it was not planted and is only 6" tall, so we doubt that it is a survey monument. In 2018, Charles Graham set the BFA rebar, which was subsequently accepted by Eric Deckard. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 30.4 feet.
- Inconsistencies in the lines of Occupation: 10 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Rebar at E17



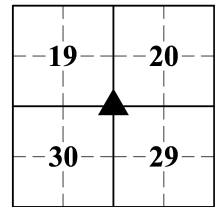
Photo Orientation & Description: Looking west at E17

MONUMENT RECORD

Corner ID: InCr_E17

Section Corner

Sections 19, 20, 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/20

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

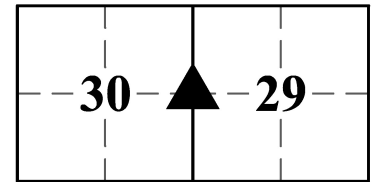
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E19

Quarter Corner

Sections 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

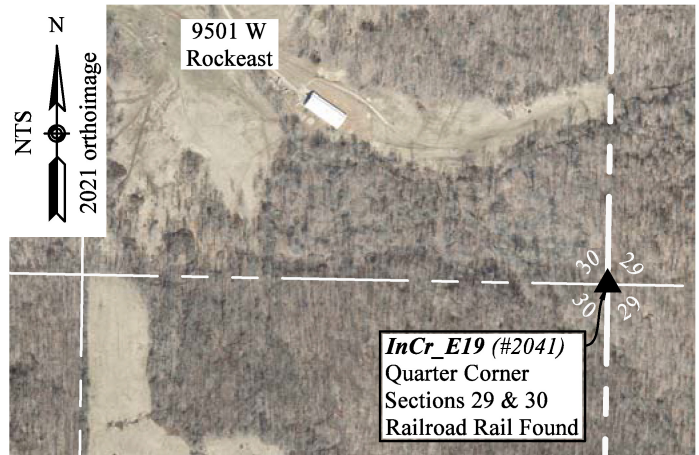
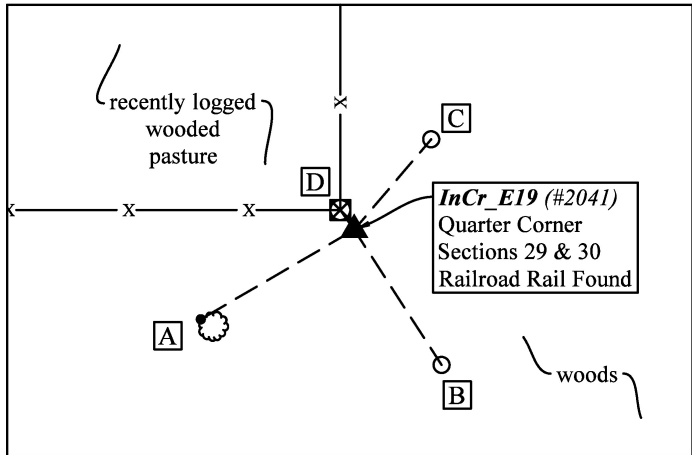


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4" x 4" x 4.5' tall steel railroad rail fence post set in concrete found with fence remains north, west, and east. (Located center of rail at 4.5 feet tall.)

GEODETIC COORDINATES: Northing: 1371926.00, Easting: 3071343.54

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 59°48'48" W	17.73'	2" mag nail and 1-1/2" orange plastic disc set 7" above grade in the northwest root flair of a 10" beech (Bearing & distance to nail, not center of tree)
B	S 32°55'49" E	16.04'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
C	N 40°26'44" E	11.85'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
D	N 35° W	2.4'	Center of 8" wood post with fence north and west

Notes: Witness ties were measured with RTK. From the 2000 Monument Record, the beech and hickory witness trees were not found and the red oak witness was found and verified.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County SURVEY MARKER sign was attached to the top east side of the rail with an 8" maghub.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rail is on the southeast side of the current fence corner post, an 8" wooden post with new galvanized woven wire and barbed wire headed north and west. There is an atv path along the entire inside of the fenceline depicted.

PERPETUATION RECORD

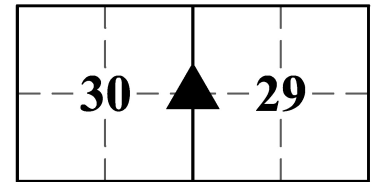
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E19

Quarter Corner

Sections 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P287

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	12"	S 40° W	14 links
Beech	7"	S 38° E	5 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/27/1972	Graham, Raymond	Robertson survey in Sec.29 (<i>post with fence to north</i>)	MCSO RSID002083
03/10/1999	Graham, Raymond	146.64 acres & 204.28 acres in Sec. 19 & 30	MCR 1999011493
09/06/2000	Bledsoe, Ben	40.21 acre survey in Sec. 30	MCR 200015048
03/16/2001	Tibbett, James C.	Section 29 plat	MCR 2001017175
03/16/2001	Tibbett, James C.	Survey of Taylor Property in Sec. 29	MCR 2001017176
11/12/2018	Graham, Charles D	Moore's Buena Vista Farms Retracement survey	MCR 2018015296
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat	MCR 2020021994
04/08/2021	Deckard, Eric	Willoughby Minor Subdivision Plat Amendment One	MCR 2021011664
04/20/2021	Deckard, Eric	Wessel Type E Administrative Subdivision - Final Plat	MCR 2021011663

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 14, 2000.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1999, Raymond Graham accepted the railroad rail (aka steel i-beam) post. The post was accepted by the Monroe County Surveyor Review Board in December, 2000, and has been accepted on all subsequent surveys of record.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2.4 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Looking east at E19



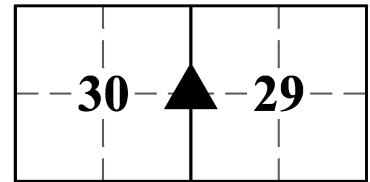
Photo Orientation & Description: Looking south at E19

MONUMENT RECORD

Corner ID: InCr_E19

Quarter Corner

Sections 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/21

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:

A handwritten signature in black ink that reads "Rachel Oser".



Seal:

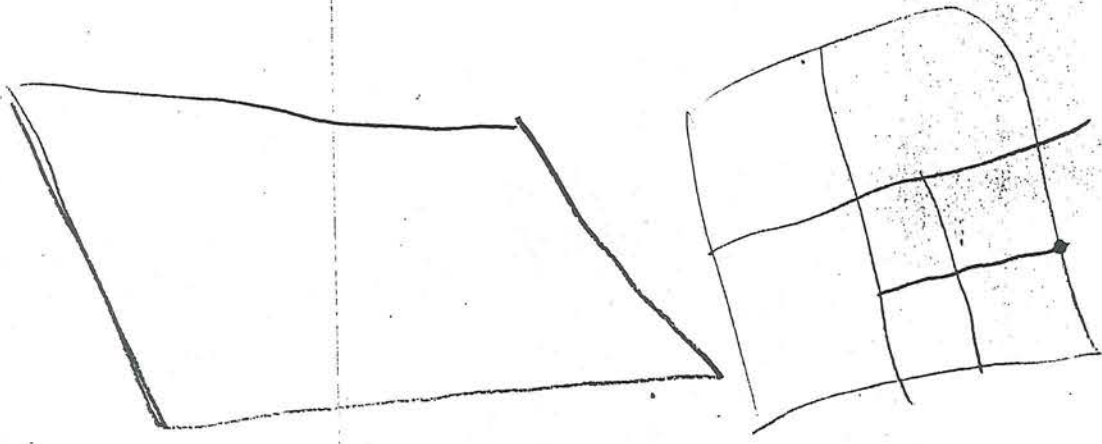
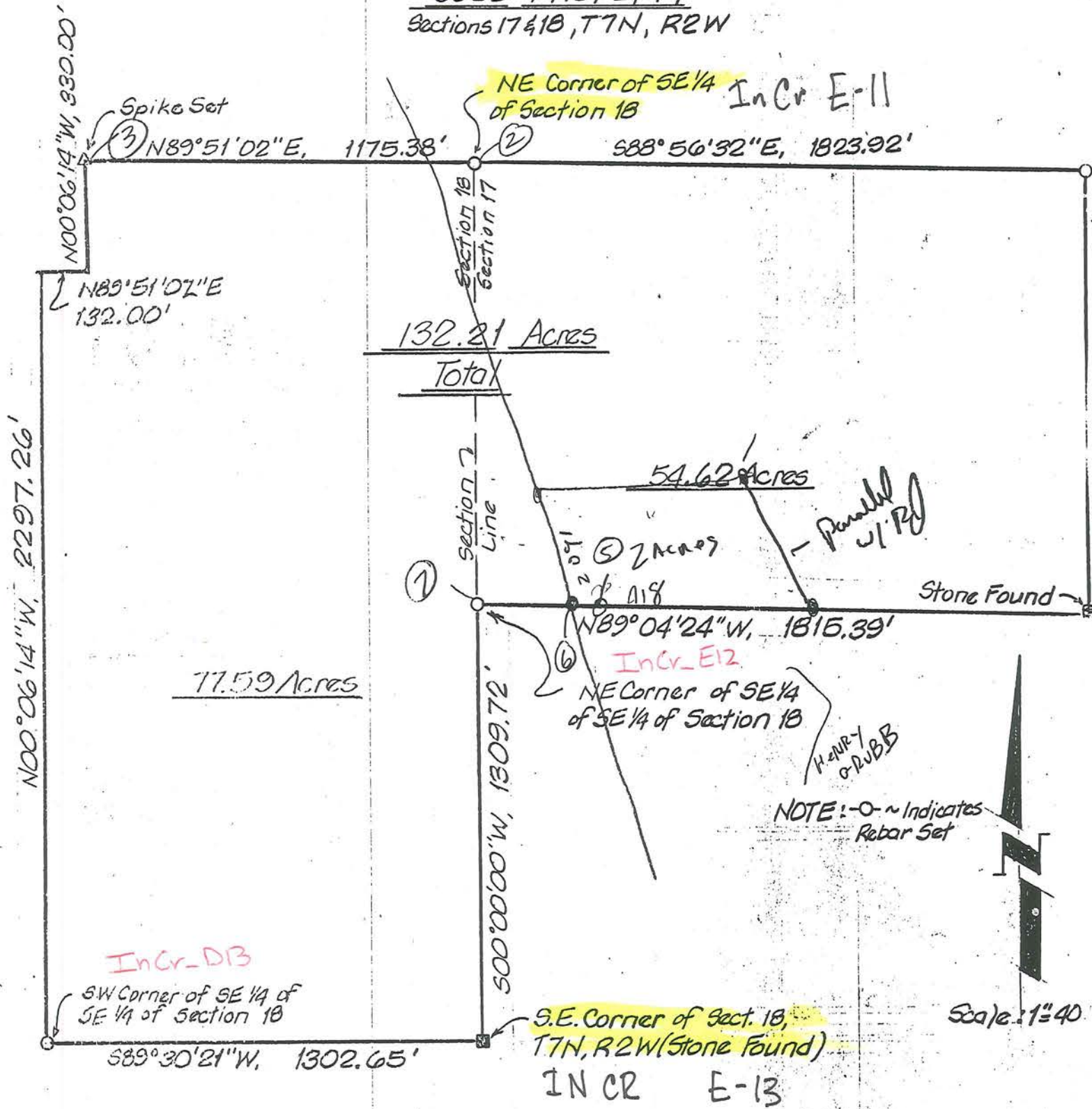
This document is not complete without the associated plat and report of even date.



(812) 334-8941
682 Green Road
Bloomington, IN 47401
res. (812) 339-6541

LAND SURVEYING

COLE PROPERTY
Sections 17 & 18, T7N, R2W



April 14th 1854

Ran the following tract of land for Henry
Hodderill and Jesse W East in Section No 20 Town
R 2 W Beginning at the center of said Section
Thence S 6° E 40 Poles to a Stone witness tree Beech 15
inches in diameter S 77° W 34 links dist Beech 24 inches
in diameter S 1° W 39½ links dist Thence S 83° W 80 Poles
to a Stone Sugar 18 in diameter S 32 E 139 link
dist Thence N 6° W 40 Poles to a Stone witness Sugar
30 inches in diameter N 82° E 30½ links dist Thence
N 85° E 80 Poles to the beginning

Each

Chain bearers Sworn this April 14th 1854

James W Spencer

M C S

April 13th A D 1854

Ran the east and west line in
Section No 18 T 7 R 2 west for Thomas Carter John Carter
and others Length of said line 280 Poles & 7 links Length
of line from the north west corner of said Section
to the south west corner of the same 320 Poles
Witness tree made at the ½ mile post of said
Section Lignin 20 inches in diameter N 71° W 78 Poles
Witness tree made 80 Poles west of the eastern ½ mile
post of said Section No 18 Sugar 20 inches in diameter
N 35° E 23 links distant Beech N 23 W 16 links dist
Richard A Garquishaal and William F Treadway
Chain bearers Sworn this April the 13th 1854

James W Spencer

M C Surveyor

Fee \$3.00 paid in full

April 15th A D 1854

Surveyed for George Walker the
following lot of land in Section No 7 T 7 R 2 W
Beginning at the south east corner of the same Thence N
W 67 Poles & 3 links to a Stone witness tree Hickory 13
inches in diameter S 22° W 30½ link distant Dogwood 3 inches
in diameter N 76° W 28 links dist Thence S 85° W 220 Poles 19½ links
to a Stone witness tree Sugar 6 inches in diameter N 75° E 30 links
dist Sugar 18 inches in diameter S 77° E 51½ links distant
Thence S 6° E 70 Poles 18 links to a Stone witness Sugar 10 S 19° E 37
gum 30 S 51° W 40½ Thence N 85° E to the place of beginning
containing 95 acres & 16 perches George Crane and Thomas East
Chain bearers by consent of parties

Fee \$3.00 paid in full

James W Spencer

M C Surveyor